

Work Order ID: 55649

January 26, 2010 2:55:35 PM

Page 1

~~PRELIMINARY ISSUE~~

Item ID: D3999-043

Accept



Setup

Start



Stop



Revision ID:

Item Name: Baffle Assembly, Fwd

Start Date: 1/25/10 Start Qty: 1.00



Cust Item ID:

Required Date: 2/10/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan:

V

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr	Revision Nbr
----------	--------------

D3999

~~A-PRELIM~~

~~B-A~~ 3 Rev A

0.00

100



Waterjet

Memo

0.00

FB 10-1-27

FLOW CNC Waterjet

1-Cut as per Dwg (03999-3)

Dwg Rev: PRE

Prog Rev: LIM

2-Deburr if necessary

110



QC2- Inspect parts off machine FAI/FAIB

0.00

FB 10-1-27

QC

Memo

0.00

Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE:-Date & initial all entries

Work Order ID 55649

January 26, 2010 2:55:35 PM



Page 2

Item ID: D3999-043

Accept



Setup

Start



Revision ID:

Stop



Item Name: Baffle Assembly, Fwd

Start Date: 1/25/10 Start Qty: 1.00



Cust Item ID:

Required Date: 2/10/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan:

Date:

QC:

Date:

Sequence ID/
Work Center IDOperation
Description

120



QC

Quality Control

130



Brake NC

Brake NC

Bend as per dwg

140



QC

Quality Control

Tooling:

Date:

SPC (Y/N):

Date:

Set Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

0.00

0.00

=> Sidar/28

0.00

0.00

SP 10/02/03

0.00

0.00

=> Sidar/05

POSITIVE RECALL
EFFECTIVE 10/12/23
RELEASED 10/12/23
AUTH [Signature]
DATE 10/02/23
QTY 1

W/O:

WORK ORDER CHANGES

DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 55649

January 26, 2010 2:55:36 PM



Page 3

Item ID: D3999-043

Accept



Setup

Start

**Revision ID:****Item Name:** Baffle Assembly, Fwd**Start Date:** 1/25/10 **Start Qty:** 1.00**Cust Item ID:****Required Date:** 2/10/10 **Req'd Qty:** 1.00**Customer:****Reference:****Approvals:** Process Plan:**Date:****Tooling:****Date:**

Run

Start



QC:

Date:**SPC (Y/N):****Date:**

Stop

**Sequence ID/
Work Center ID**

150



HandFinish

Hand Finishing

**Operation
Description**

Chemical Conversion Coat per QSI005 4.1

**Set Up/
Run Hours**

0.00

**Draw
Number**

10-02-5

**Draw
Rev.**

②

**Plan
Code**

②

**Accept
Qty**

0

**Reject
Qty**

0

**Reject
Number**

0

**Insp.
Stamp**

10-02-5

170



QC

Quality Control

QC3- Inspect Part Finish

0.00

0.00

10-02-0

②

②

180



Small Fab

Small Fab

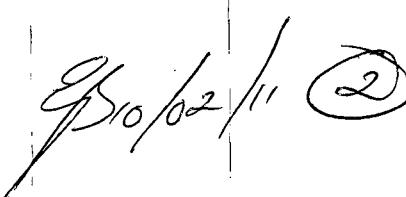
Memo

0.00

Memo

0.00

Assemble as per dwg



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 55649



Page 4

January 26, 2010 2:55:36 PM

Item ID: D3999-043

Accept



Setup

Start



Revision ID:

Stop



Item Name: Baffle Assembly, Fwd

Start Date: 1/25/10 Start Qty: 1.00



Cust Item ID:

Required Date: 2/10/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

190



QC

Quality Control

Not insp'd to
A released day

200



Packaging

Packaging

Operation
Description

QC5- Inspect part completeness to step on W/O

Set Up/
Run Hours

0.00

Draw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

S 10/21/11

no changes from Pd2 + Rev A Day

S 10/21/22

Identify as per dwg & Stock Location:

Prel.
Shelf

0.00

10/10/13

(x2)

A

Loc 139B

10-6-25

S/①

210



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

A. Rev. A Test
only
① USED FOR TEST

POSITIVE RECALL

EFFECTIVE 10/12/27 AUTH u

RELEASED

DATE 10/06/23

10/10/14
②

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 26, 2010 2:55:34 PM

Page 1

Work Order ID: 55649



Parent Item: D3999-043



Parent Item Name: Baffle Assembly, Fwd

Start Date: 1/25/10

Required Date: 2/10/10

Comments: IPP rev A 09.12.16 new issue Prelim EC verified by:DD

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3999-5 		Manufactured	No			180	Each	0.0000	2.0000	BS 5644	88	2/10/10	44
-------------	--	--------------	----	--	--	-----	------	--------	--------	---------	----	---------	----

Angle M6061-T6S-063 		Purchased	No			100	sf	316.0657	2.8000		5.6		
----------------------------	--	-----------	----	--	--	-----	----	----------	--------	--	-----	--	--

6061-T6 .063 Sheet 												BS 10-1-27	
------------------------	--	--	--	--	--	--	--	--	--	--	--	------------	--

<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-------------------------------------	----------------	-----------------

Main Warehouse

MAT	316.0657211	
110551	25.4841211	
112939	2.5816	
113608	288	

		113608
--	--	--------

MS20470AD4-4 		Purchased	No			180	Each	2,749.000	12.0000				2
------------------	--	-----------	----	--	--	-----	------	-----------	---------	--	--	--	---

Rivet, Universal Head 												EP 10/02/10	
---------------------------	--	--	--	--	--	--	--	--	--	--	--	-------------	--

<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-------------------------------------	----------------	-----------------

Main Warehouse

ST	2749	
111359	88	
112314	245	
113368	2416	

		524
--	--	-----

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	55649
Description: Baffle Assembly Fwd.	Part Number:	D3999-3
Inspection Dwg: D3999-3 Rev: PDE Lim		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø .179	+.005 -.001	.130	✗			
Ø .500	+.006 -.001	.502	✗			
Ø .768	+.010 -.001	.767	✗			
Ø 3.346	+.012 -.001	3.347	✗			
.80 .886	+.000 -.030	.803	✗			
.71	+.000 -.030	.713	✗			
1.02	+.000 -.030	1.022	✗			
2.67	+.000 -.030	2.67	✗			
3.61	+.000 -.030	3.604	✗			
4.17	+.000 -.030	4.168	✗			
5.77	+.000 -.030	5.772	✗			
7.32	+.000 -.030	7.321	✗			
9.91	+.000 -.030	9.915	✗			
10.47	+.000 -.030	10.473	✗			
13.62	+.000 -.030	13.624	✗			
14.76	+.000 -.030	14.764	✗			
1.16	+.000 -.030	1.160	✗			
2.43	+.000 -.030	2.418	✗			
3.64	+.000 -.030	3.643	✗			
5.53	+.000 -.030	5.533	✗			
5.77	+.000 -.030	5.771	✗			
7.42	+.000 -.030	7.421	✗			
9.31	+.000 -.030	9.31	✗			

Measured by:	R	Audited by:	J	Prototype Approval:	N/A
Date:	10-1-27	Date:	10/10/28	Date:	N/A

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	

10/10/28

DART AEROSPACE LTD	Work Order:	55649
Description: BAFFLE ASSEMBLY FWD	Part Number:	03999-3
Inspection Dwg: D3999-3 Rev: PRELIM		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

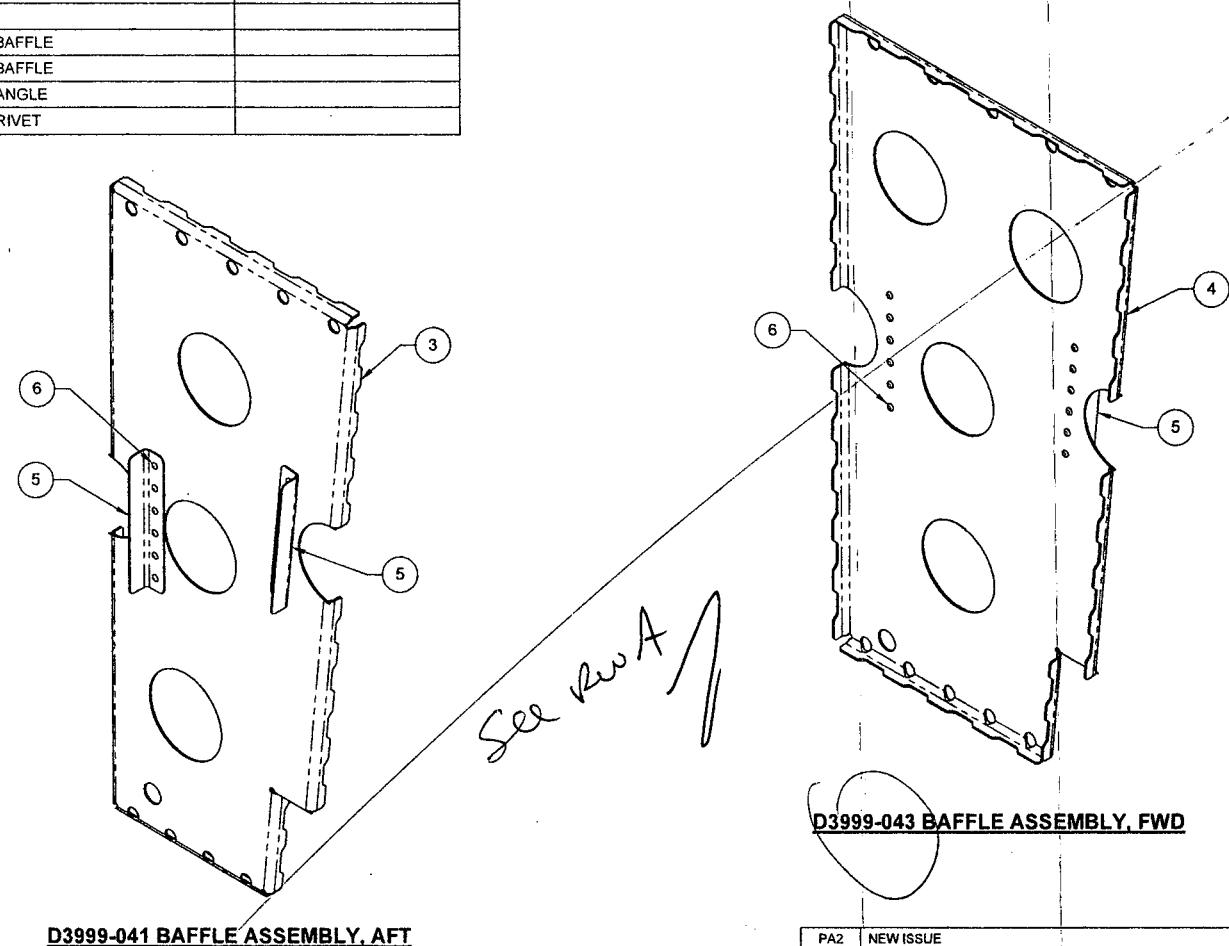
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
9.93	+/- .030	9.933	Y			
13.86	+/- .030	13.880	A			
.71	+/- .030	.709	*			
1.02	+/- .030	1.019	0			
5.61	+/- .030	5.606	B			
8.58	+/- .030	8.58	*			
10.77	+/- .030	10.767	*			
11.05	+/- .030	11.030	Y			
13.02	+/- .030	13.02	Y			
20.10	+/- .030	20.10	Y			
24.75	+/- .030	24.75	0			
25.38	+/- .030	25.38	Y			
25.44	+/- .030	25.44	0			
26.15	+/- .030	26.126	Y			
.90	+/- .030	.901	Y			
.063	+/- .010	.060	*			

Measured by:	HB	Audited by:	S	Prototype Approval:	N/A
Date:	10-1-07	Date:	10/01/08	Date:	N/A

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	

1006-23

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D3999-041	BAFFLE ASSEMBLY, AFT	JCA-M47-1-02
2		X	D3999-043	BAFFLE ASSEMBLY, FWD	JCA-M47-1-03
3	1		D3999-1	BAFFLE	
4		1	D3999-3	BAFFLE	
5	2	2	D3999-5	ANGLE	
6	12	12	MS20470AD4	RIVET	



D3999-041 BAFFLE ASSEMBLY, AFT

PRELIMINARY ISSUE

10.02.05

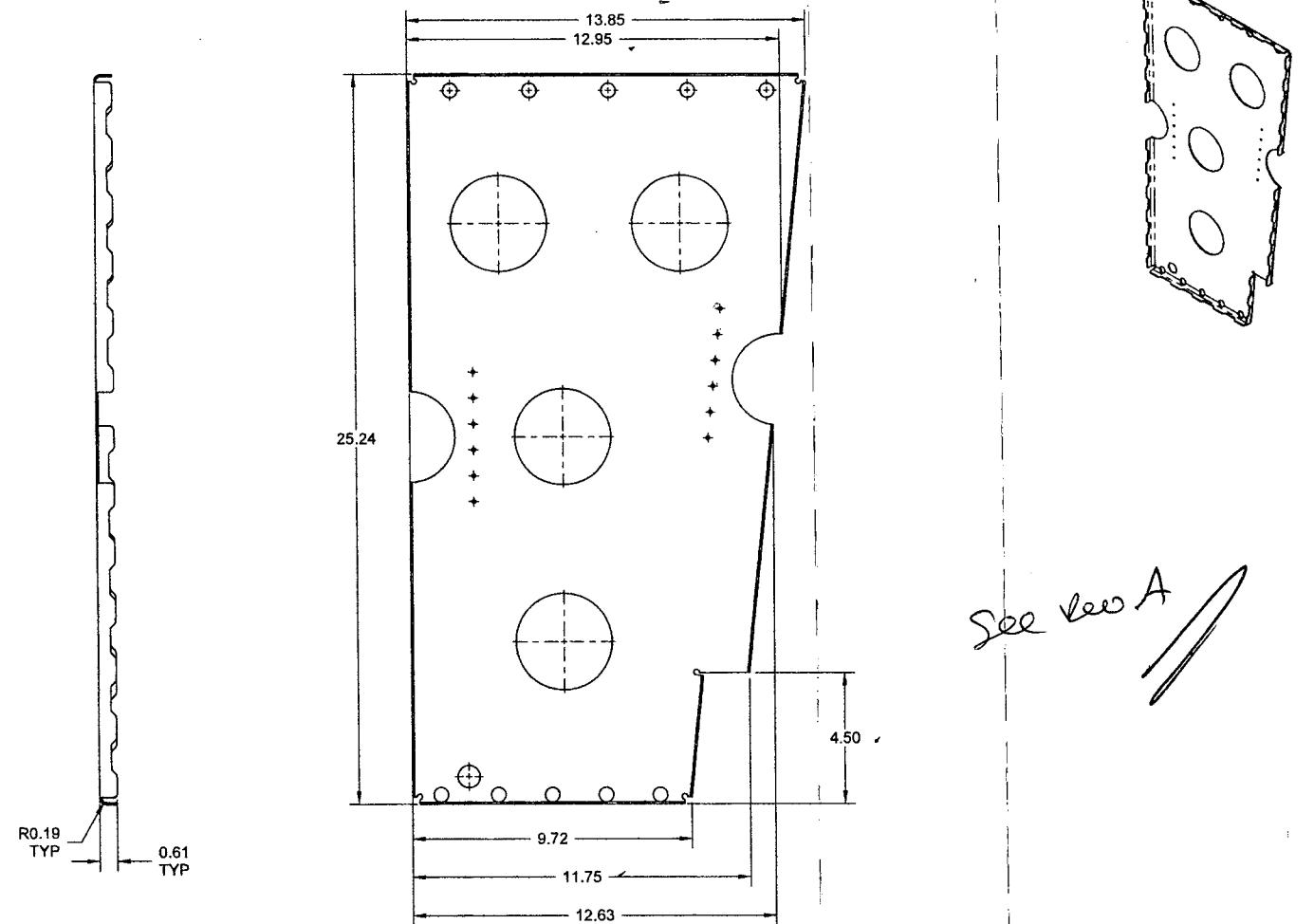
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3999-041/-043" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT (-041): 1.51 lbs
- 8) WEIGHT (-043): 1.84 lbs

PA2	NEW ISSUE	10.02.05
REV.	DESCRIPTION	BY DATE
DESIGN	<i>BB</i>	DART AEROSPACE LTD
DRAWN	<i>BB</i>	HAWKESBURY, ONTARIO, CANADA
CHECKED	<i>BB</i>	DRAWING NO.
MFG. APPR.	<i>BB</i>	REV. PA2
APPROVED	<i>BB</i>	D3999
DE APPR.		SHEET 1 OF 12
DATE	10.02.05	TITLE: BAFFLE
		SCALE: NTS

COPYRIGHT © 2010 BY DART AEROSPACE LTD.
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D3999-3	REF JCA-M47-1-03



D3999-3 BAFFLE

PRELIMINARY ISSUE

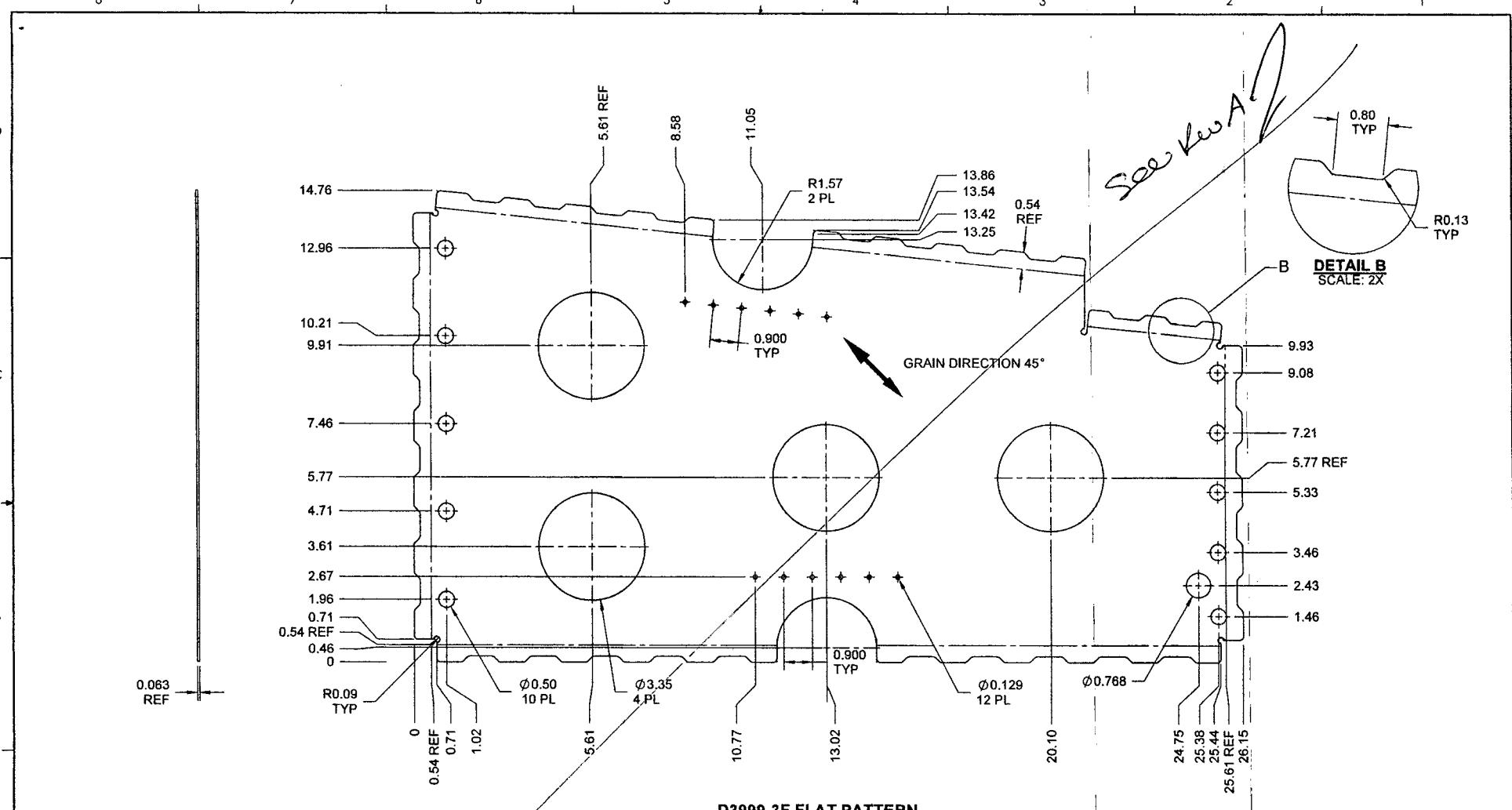
10.02.05

NOTES:

- 1) MATERIAL: MADE FROM D3999-3F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.77 lbs

DESIGN	<i>EE</i>	DART AEROSPACE LTD
DRAWN	<i>EE</i>	HAWKESBURY, ONTARIO, CANADA
CHECKED	<i>BB</i>	
MFG. APPR.	<i>EE</i>	REV. PA2
APPROVED	<i>EE</i>	D3999 SHEET 4 OF 12
DE APPR.	<i>EE</i>	TITLE: BAFFLE
DATE	10.02.05	SCALE: NTS

COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.



D3999-3F FLAT PATTERN

NOTES:

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.063 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
REF DART SPEC M6061T6S.063
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.77 lbs

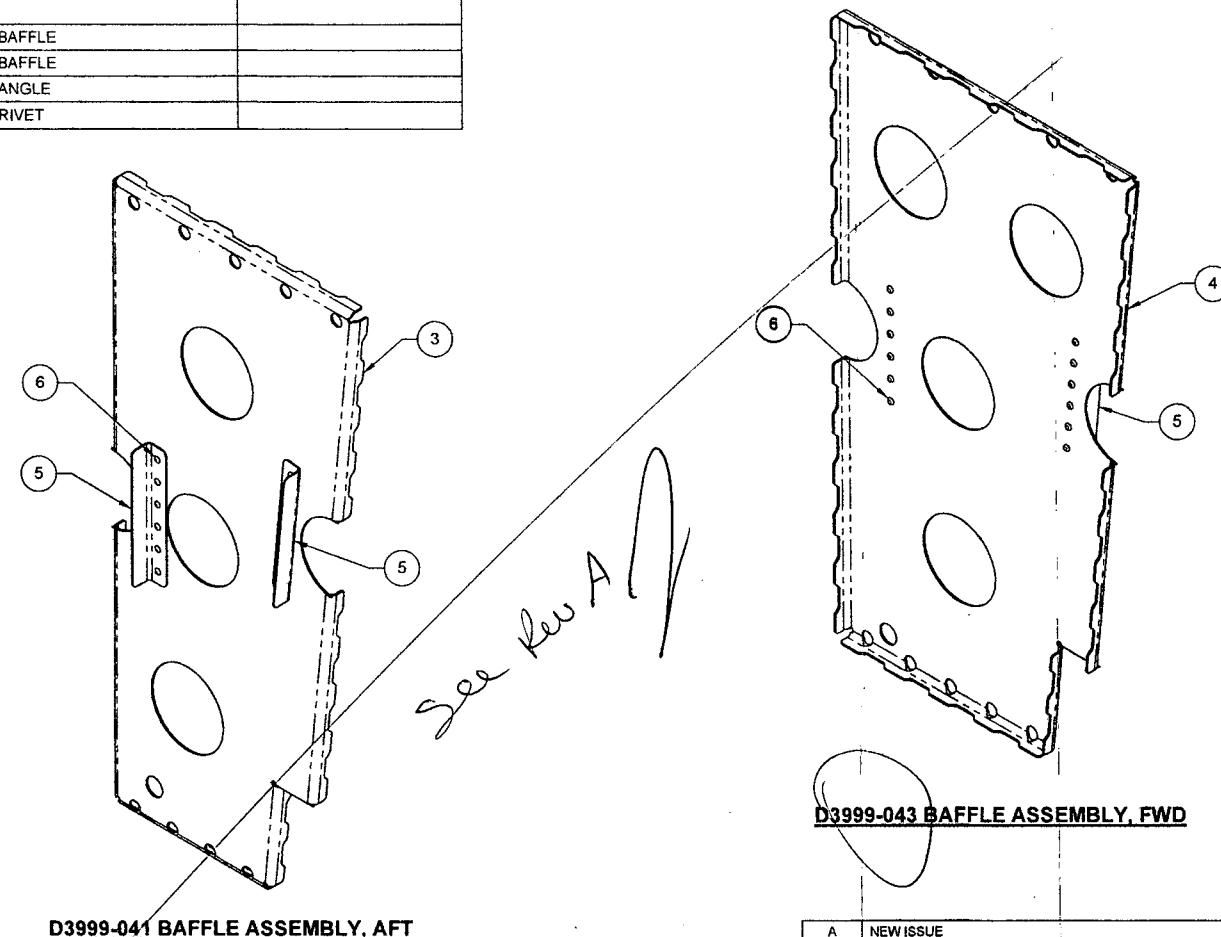
PRELIMINARY ISSUE

10.02.05

DESIGN	<i>SB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	<i>SB</i>			
CHECKED	<i>B</i>	DRAWING NO.	REV. PA2	
MFG. APPR.	<i>PZ</i>	D3999	SHEET 5 OF 12	
APPROVED	<i>NP</i>	TITLE	SCALE	
DE APPR.		BAFFLE	NTS	
DATE	10.02.05			

8 7 6 5 4 3 2 1

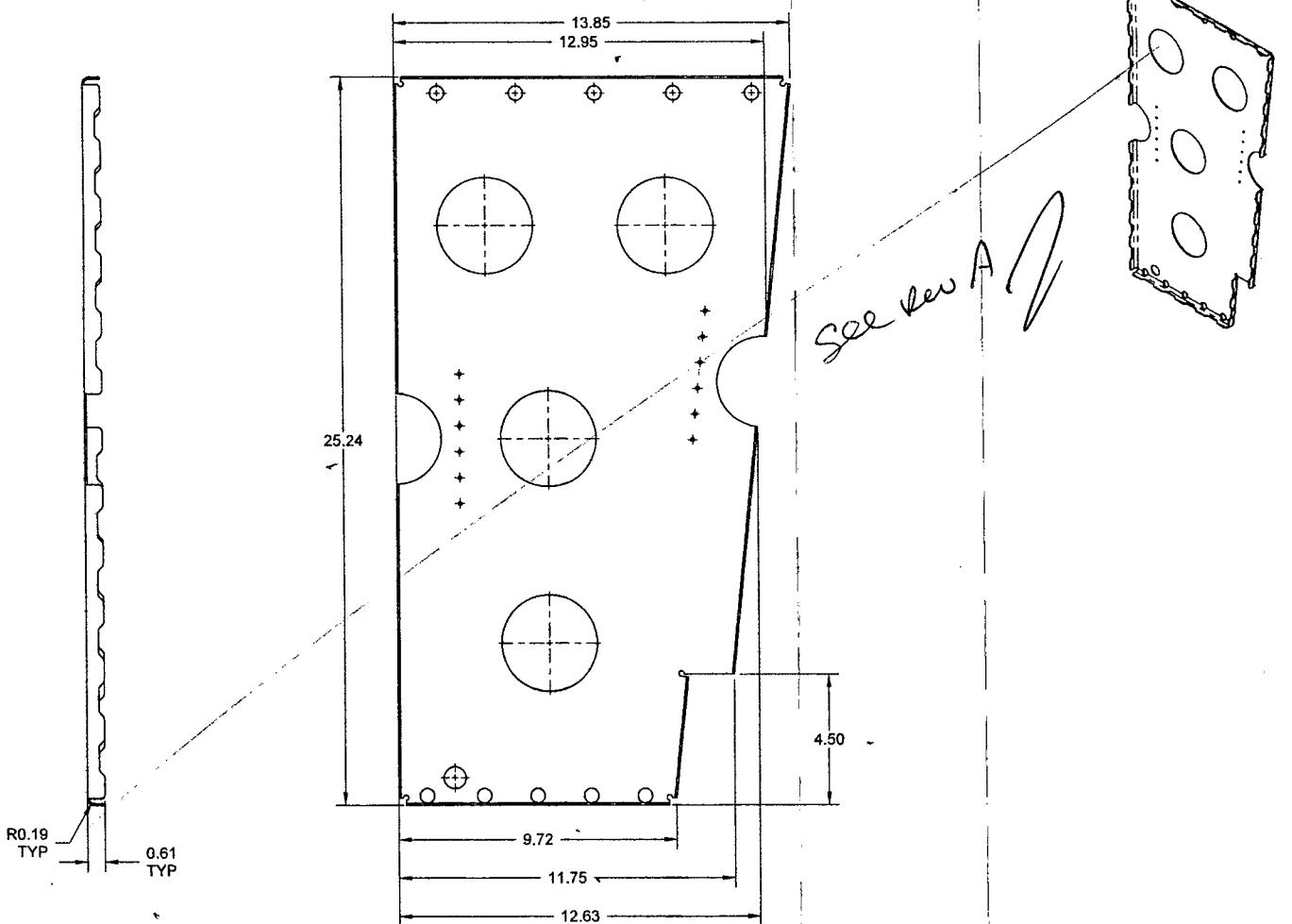
ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D3999-041	BAFFLE ASSEMBLY, AFT	JCA-M47-1-02
2		X	D3999-043	BAFFLE ASSEMBLY, FWD	JCA-M47-1-03
D					
3	1		D3999-1	BAFFLE	
4		1	D3999-3	BAFFLE	
5	2	2	D3999-5	ANGLE	
6	12	12	MS20470AD4	RIVET	



NOTES:
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3999-041/-043" AND B/N USING FINE POINT PERMANENT INK MARKER
 7) WEIGHT (-041): 1.51 lbs
 8) WEIGHT (-043): 1.84 lbs

A	NEW ISSUE	10.02.05
REV.	BY	DATE
DESIGN		DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO.
MFG. APPR.		D3999
APPROVED		REV. A
DE APPR.		SHEET 1 OF 12
DATE	10.02.05	SCALE
		NTS
		COPYRIGHT © 2010 BY DART AEROSPACE LTD
		THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D3999-3	REF JCA-M47-1-03



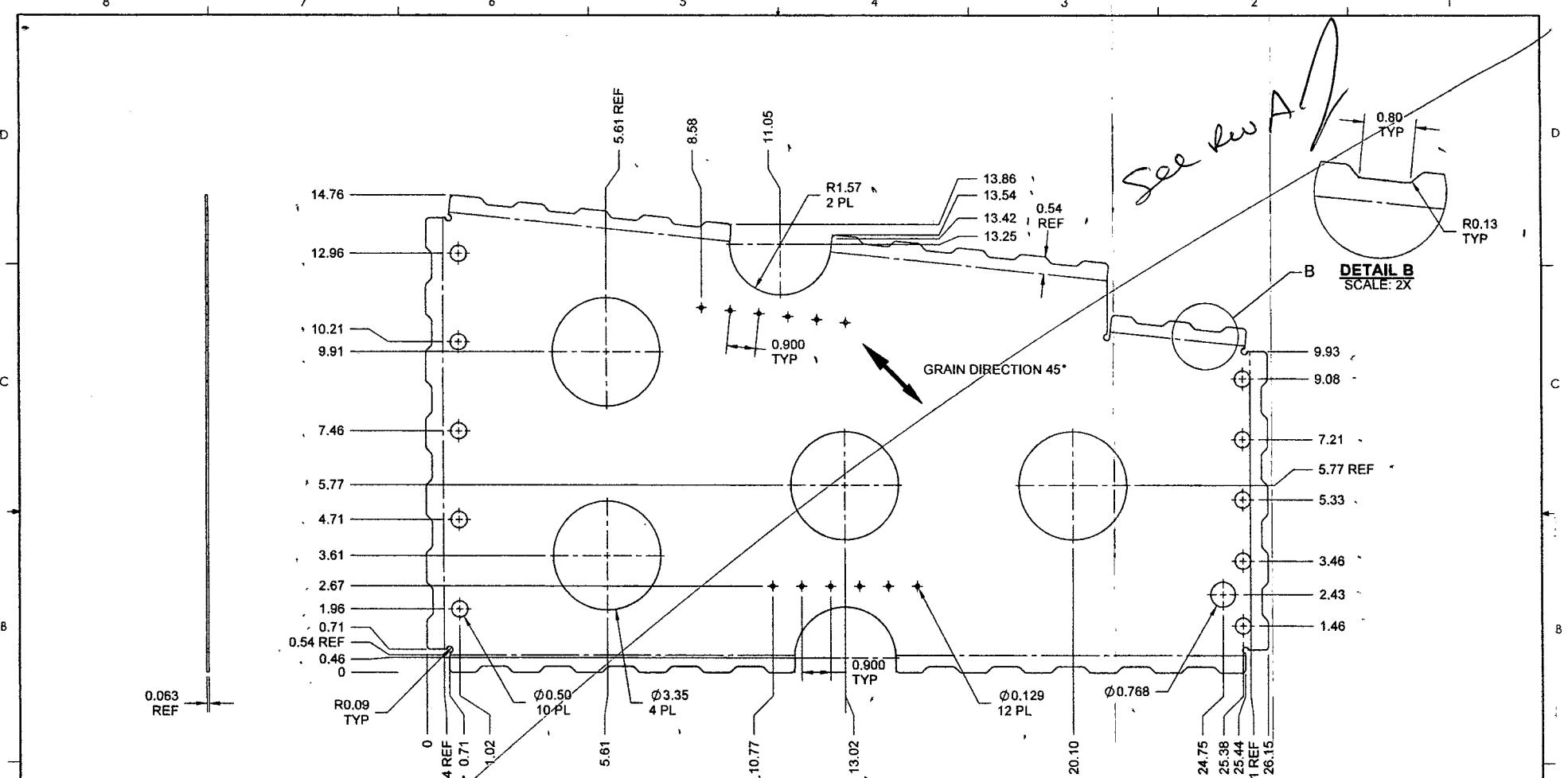
D3999-3 BAFFLE

NOTES:

- 1) MATERIAL: MADE FROM D3999-3F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.77 lbs

DESIGN	<i>BB</i>	DART AEROSPACE LTD
DRAWN	<i>BB</i>	HAWKESBURY, ONTARIO, CANADA
CHECKED	<i>BB</i>	DRAWING NO. <i>D3999</i> REV. A
MFG. APPR.	<i>BB</i>	SHEET 4 OF 12
APPROVED	<i>BB</i>	TITLE: <i>BAFFLE</i>
DE APPR.		SCALE: <i>NTS</i>
DATE	10.02.05	COPYRIGHT © 2010 BY DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



D3999-3F FLAT PATTERN

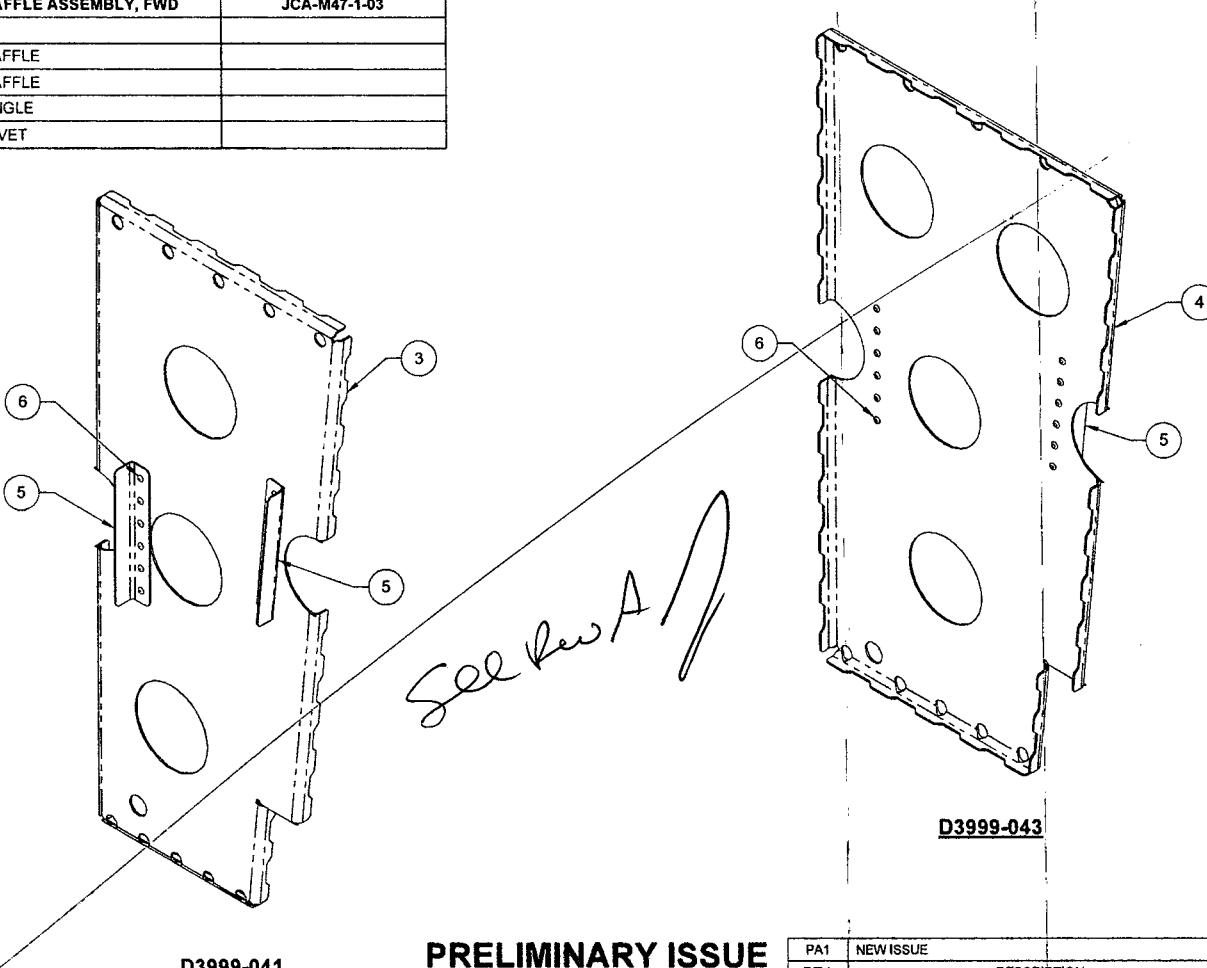
NOTES:

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM-SHEET, 0.063 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
REF DART SPEC M6061T6S.063
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.77 lbs

DESIGN	<u>1</u>	DART AEROSPACE LTD	
DRAWN	<u>1</u>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<u>13</u>	DRAWING NO.	REV. A
MFG. APPR.	<u>PZ</u>	D3999	SHEET 5 OF 12
APPROVED	<u>14</u>	TITLE	SCALE
DE APPR.		BAFFLE	NTS
DATE	10.02.05	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUBJECT ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT	

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D3999-041	BAFFLE ASSEMBLY, AFT	JCA-M47-1-02
2		X	D3999-043	BAFFLE ASSEMBLY, FWD	JCA-M47-1-03
3	1		D3999-1	BAFFLE	
4		1	D3999-3	BAFFLE	
5	2	2	D3999-5	ANGLE	
6	12	12	MS20470AD4	RIVET	



PRELIMINARY ISSUE

09.10.07

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3999-041/-043" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT (-041): 1.47 lbs
- 8) WEIGHT (-043): 0.55 lbs

PA1	NEW ISSUE	REV.	09.10.07
DESCRIPTION		BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.10.07		

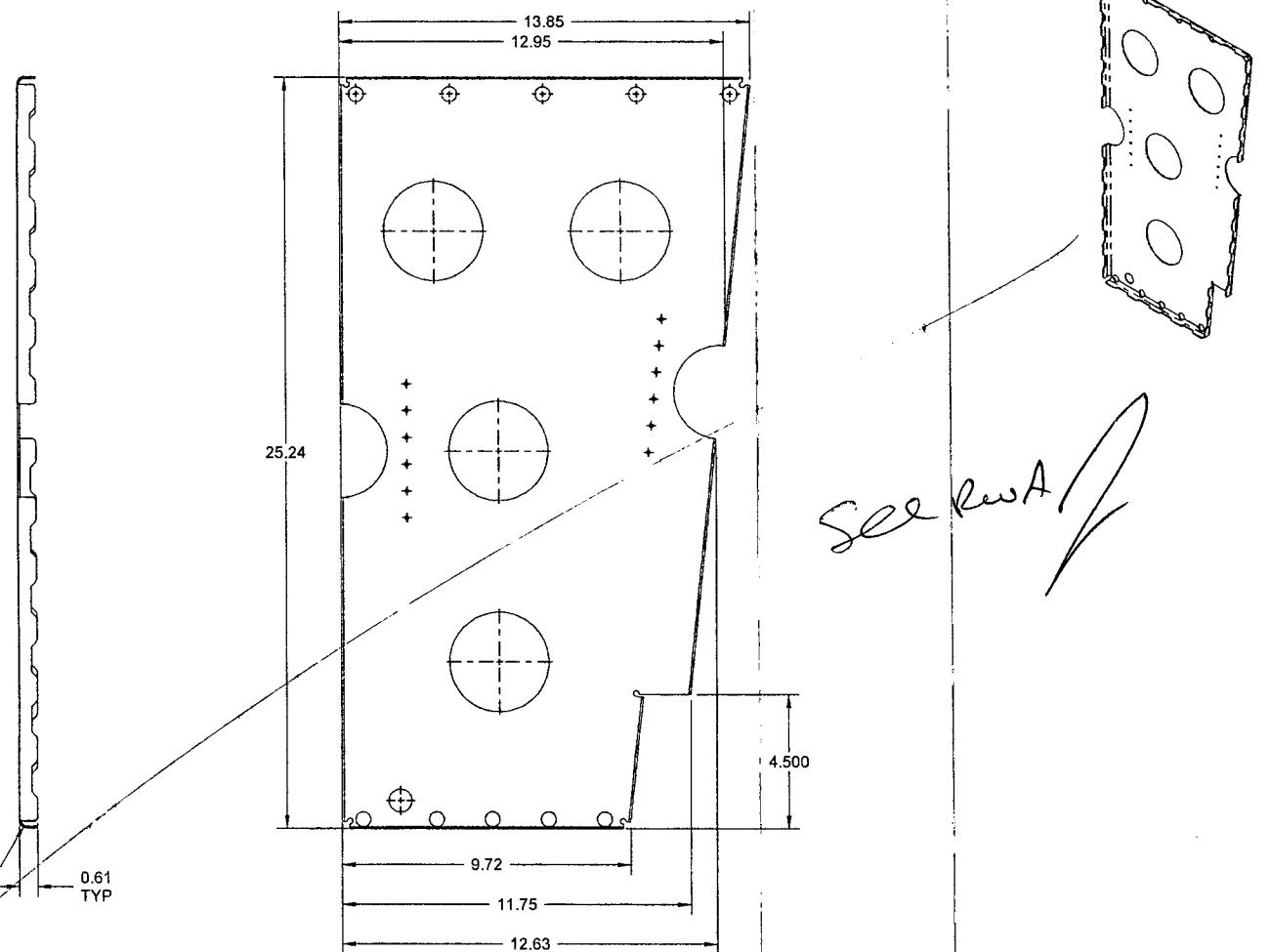
DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3999
TITLE: BAFFLE

REV. PA1
SHEET 1 OF 12
SCALE
NTS

COPRIGHT © 2009 BY DART AEROSPACE LTD
THIS DOCUMENT IS PROPERTY OF DART AEROSPACE LTD. IT IS RESTRICTED TO THE USE BY CONCERN THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D3999-3	REF JCA-M47-1-03



D3999-3 BAFFLE

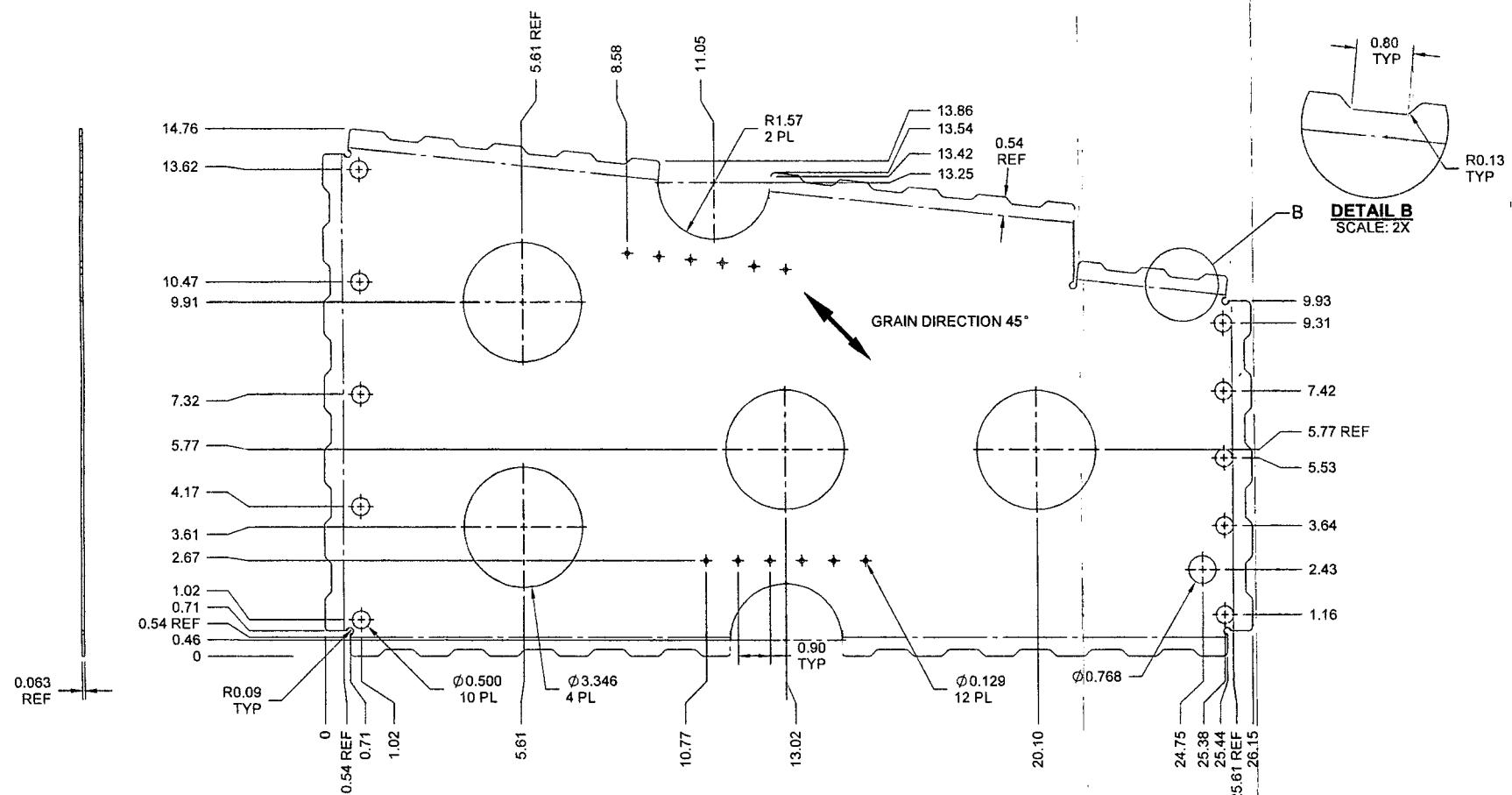
NOTES:

- 1) MATERIAL: MADE FROM D3999-3F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.77 lbs

DESIGN DRAWN	REB B
CHECKED	
MFG. APPR.	
APPROVED	
DE APPR.	
DATE	09.10.07

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO. D3999
REV. PA1
SHEET 4 OF 12
TITLE: BAFFLE
SCALE: NTS

COPYRIGHT © 2009 BY DART AEROSPACE LTD
THIS DOCUMENT CONTAINS TRADE AND CONFIDENTIAL INFORMATION AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OF COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.



D3999-3F FLAT PATTERN

PRELIMINARY ISSUE

09.10.07

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.063 THICK PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 REF DART SPEC M6061T6S.063
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.77 lbs

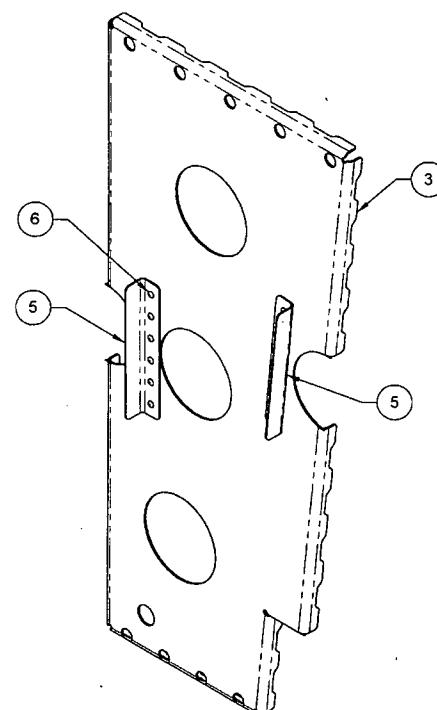
DESIGN
DRAWN
CHECKED
MFG. APPR.
APPROVED
DE APPR.
DATE

09.10.07

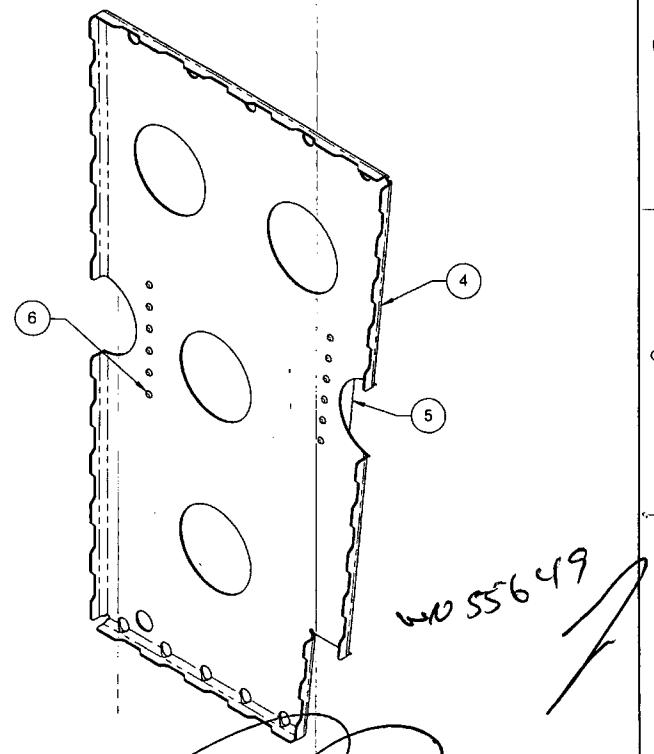
DART AEROSPACE LTD
HAWKSLEY, ONTARIO, CANADA

DRAWING NO. D3999
REV. PA1
SHEET 5 OF 12
TITLE BAFFLE
SCALE NTS
NTS
COPYRIGHT © 2009 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D3999-041	BAFFLE ASSEMBLY, AFT	JCA-M47-1-02
2		X	D3999-043	BAFFLE ASSEMBLY, FWD	JCA-M47-1-03
3	1		D3999-1	BAFFLE	
4		1	D3999-3	BAFFLE	
5	2	2	D3999-5	ANGLE	
6	12	12	MS20470AD4	RIVET	



D3999-041 BAFFLE ASSEMBLY, AFT



D3999-043 BAFFLE ASSEMBLY, FWD

RELEASED
2010-05-05

A	NEW ISSUE	10.02.05
REV	DESCRIPTION	BY DATE
DESIGN	DART AEROSPACE LTD	
DRAWN	HAWKESBURY, ONTARIO, CANADA	
CHECKED	REV. A	
MFG. APPR.	DRAWING NO. D3999 SHEET 1 OF 12	
APPROVED	TITLE SCALE	
DE APPR.	BAFFLE NTS	
DATE	10.02.05	

COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS THE PROPERTY OF DART AEROSPACE LTD. IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3999-041/043" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT (-041): 1.51 lbs
- 8) WEIGHT (-043): 1.84 lbs

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

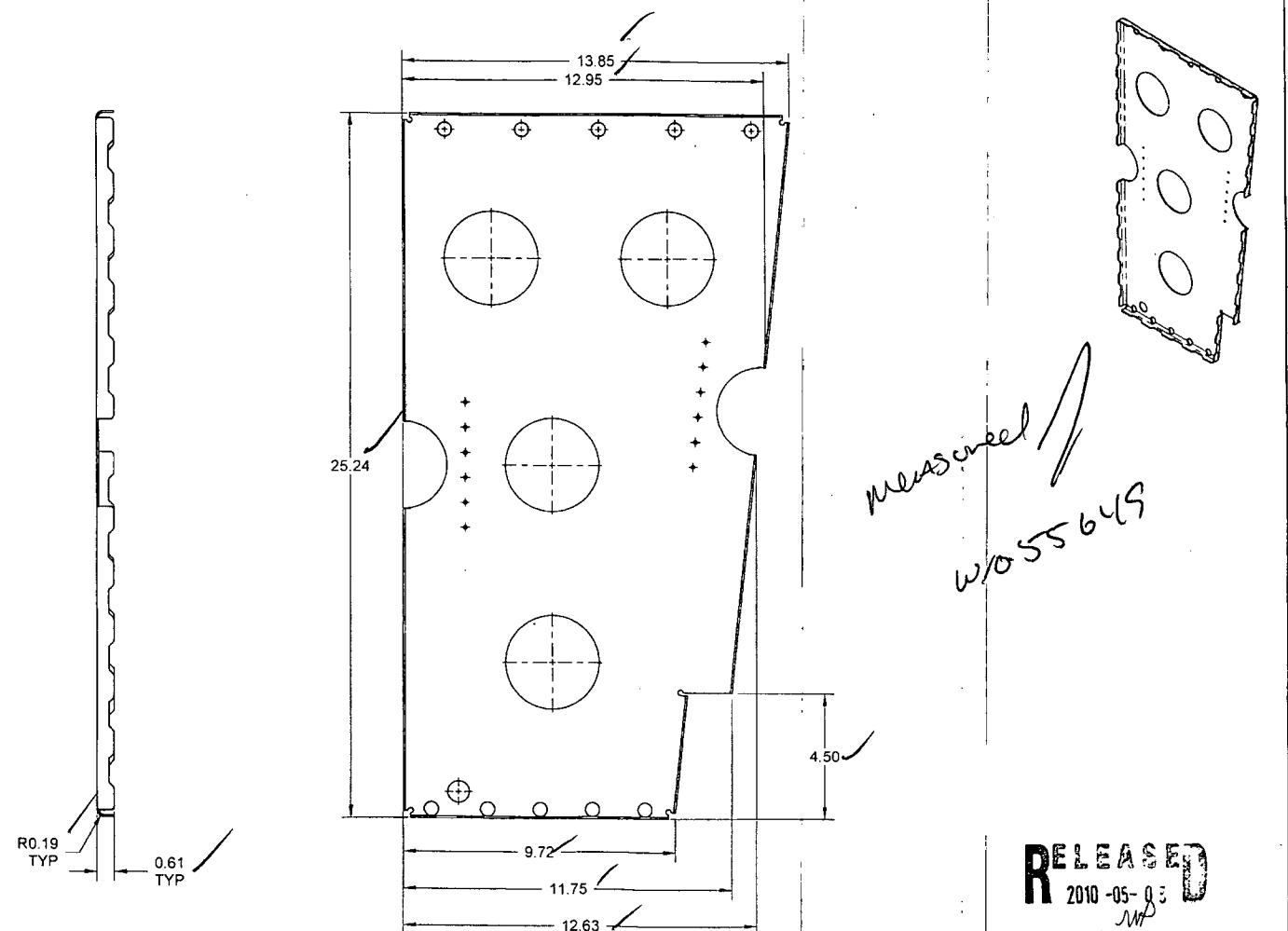
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D3999-3	REF JCA-M47-1-03



D3999-3 BAFFLE

NOTES:

- 1) MATERIAL: MADE FROM D3999-3F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.77 lbs

DESIGN	<i>AB</i>	DART AEROSPACE LTD
DRAWN	<i>AB</i>	HAWKESBURY, ONTARIO, CANADA
CHECKED	<i>AB</i>	REV. A
MFG. APPR.	<i>AB</i>	DRAWING NO.
APPROVED	<i>AB</i>	D3999
DE APPR.	<i>AB</i>	SHEET 4 OF 12
DATE	10.02.05	SCALE
		NTS

COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.

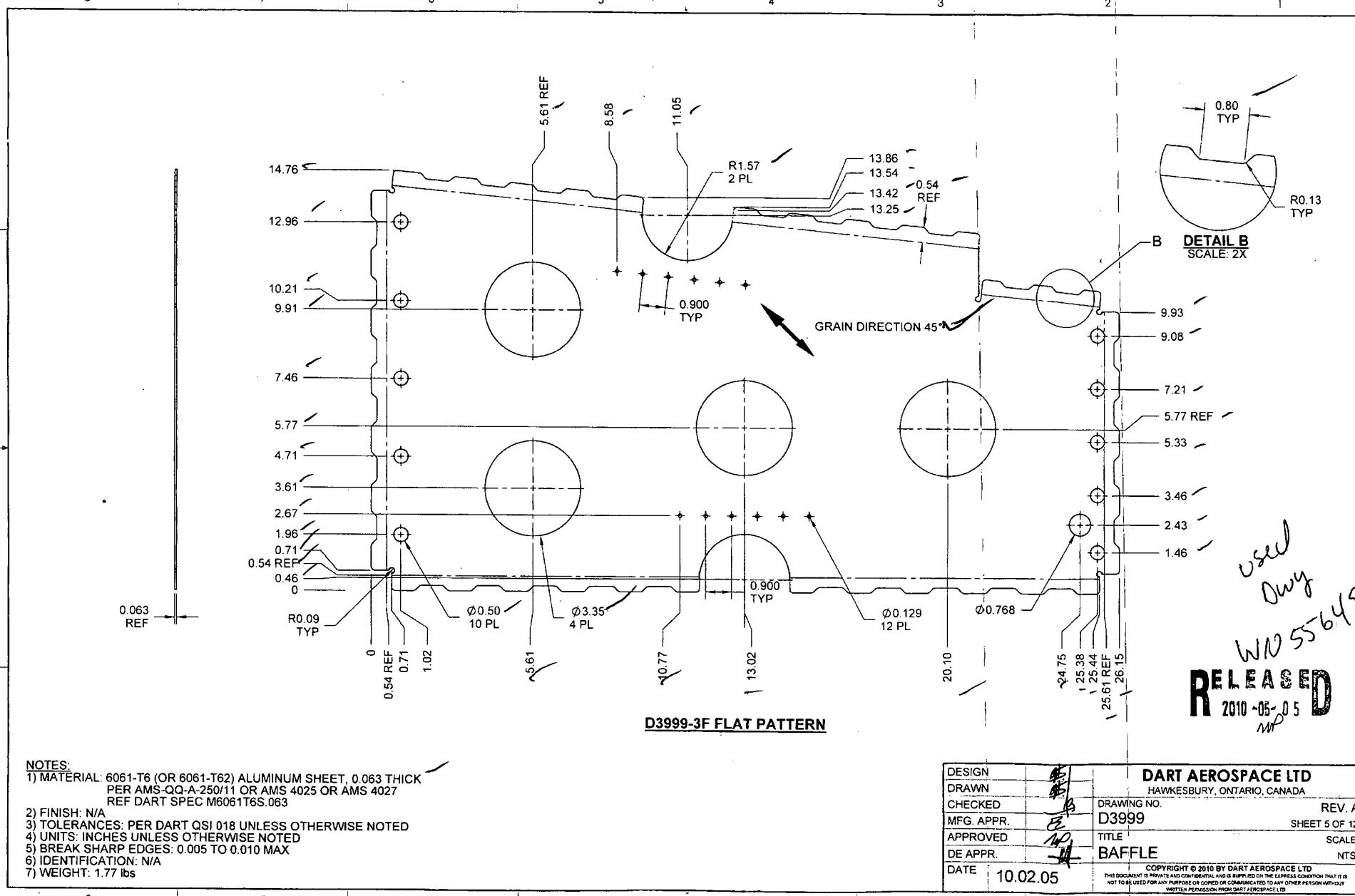
W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN		DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		REV. A
MFG. APPR.		DRAWING NO. D3999
APPROVED		SHEET 5 OF 12
DE APPR.		TITLE BAFFLE
DATE	10.02.05	SCALE NTS

COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD AND IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries